

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **UMD-0111**

Inventors: **Jeffrey B. Kaplan**

Serial No.: **Not Yet Assigned**

Filing Date: **Herewith**

Examiner: **Not Yet Assigned**

Group Art Unit: **Not Yet Assigned**

Title: **Compositions and Methods for Enzymatic
Detachment of Bacterial and Fungal
Biofilms**

"Express Mail" Label No. **EV626224792US**

Date of Deposit June 14, 2005

I hereby certify that this paper is being deposited with the
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By Kathleen A. Tyrell
Typed Name: Kathleen A. Tyrell, Reg. No. 38,350

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R.
§§1.97-1.98, information relating to the above-identified
application is hereby disclosed. Inclusion of information in
this statement is not to be construed as an admission that this
information is material as that term is defined in 37 C.F.R.
§1.56 (b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

() In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

() Certification in Accordance with §1.97(e) is attached hereto; or

() Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.

() In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I)(1).

(xx) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

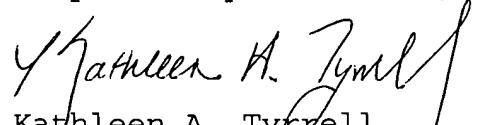
() In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(xx) All listed references are in the English language.

Respectfully submitted,


Kathleen A. Tyrrell
Registration No. 38,350

Date: June 14, 2005

Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

(856) 810-1515

Sheet 01 of 02

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant <small>(Use several sheets if necessary)</small>	Docket No.	Serial No.
	107538902	
	Applicant	
Filing Date	Group	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA	Clarke et al., "Cloning and Expression of the β -N-Acetylglucosaminidase Gene from <i>Streptococcus</i>
	AB	Graham et al., "Molecular Cloning of the cDNA Which Encodes β -N-Acetylhexosaminidase A from <i>Dictyostelium</i>
	AC	Kaplan et al., "Detachment of <i>Actinobacillus actinomycetemcomitans</i> Biofilm Cells by an Endogenous β -Hexosaminidase Activity", <i>J. Bacteriology</i> 2003 185(16):4693-4698
	AD	Somerville et al., "Sequence analysis of the β -N-acetylglucosaminidase gene of <i>Vibrio vulnificus</i> : Evidence for a common evolutionary origin of hexosaminidases", <i>Proc. Natl. Acad. Sci. USA</i> 1993 90:6751-6755

EXAMINER

DATE CONSIDERED

JC17 Rec'd PCT/PTO 14 JUN 2003
Sheet 02 of 02

<p>Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce</p>	<p>Docket No. UMD-0111</p> <p>Applicant Jeffrey B. Kaplan</p> <p>Filing Date Herewith</p>	<p>Serial No. 10/157,002 Not Yet Assigned</p> <p>Group Not Yet Assigned</p>
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation	
				YES	NO
BA	WO 98/50512	11-12-98	PCT	X	

EXAMINER

DATE CONSIDERED